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Lucent

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WASHINGTON, DC
WEST CONSHOHOCKEN
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WILMINGTON

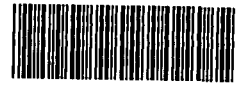
A PROFESSIONAL CORPORATION

16TH FLOOR 45 BROADWAY NEW YORK, NY 10006-3792 212.509.9400 800.437.7040 212.509.9492 FAX www.cozen.com

December 27, 2005

Ralph L. McMurtry
Direct Phone 212.908.1204
rmcmurtry@cozen.com

Harry R. Steinmetz (3HS62)
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029



SDMS DocID 2074895

**Re: Safety Light Corporation Site
Bloomsburg, Pennsylvania**

Dear Mr. Steinmetz:

Please find attached the response ("Response") of Lucent Technologies Inc. ("Lucent") to the CERCLA 104(e) information request ("Request"), undated, issued by the United States Environmental Protection Agency ("USEPA", and received by Lucent on November 7, 2005.

USEPA granted Lucent an extension until and through January 7, 2006 to respond to the Request.

Please note that Lucent's Response is subject to, and should be construed and interpreted in the light of, the following.

1. Lucent's Response is based on a diligent and good faith investigation and is based upon information and belief.
2. Given the expansive nature of the Request and/or the lengthy period of time being investigated (60 years), it is difficult to search for, identify, find, and collect this information, if it exists.
3. AT&T Corp., Lucent's predecessor in interest, went through the largest corporate reorganization in American history, commencing in 1982 and concluding in 1984. The reorganization included the divestiture of 22 formerly wholly-owned telephone companies.

4. Thereafter, in 1996, AT&T divested itself of additional assets, concluding in the formation of Lucent, successor to certain liabilities of AT&T relating to, among other things, the former operations of Western Electric and Bell Laboratories.

5. Since 1982, there have been numerous corporate restructurings, plant closings, facility closings, employee force reductions, employee reorganizations, and employee transfers. Also, with the passage of time, many employees or former employees have relocated, are difficult or impossible to find, and/or are now deceased.

6. Given all the foregoing, although Lucent has searched for records it considered likely to contain information responsive to this Request, Lucent cannot categorically affirm that it has not overlooked information that may be responsive to the Request.

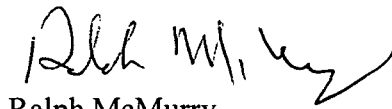
7. Lucent reserves the right to supplement, modify, or correct this Response should additional information become available.

8. This Response is submitted by Lucent without any admission of fact or law.

Lucent requests that USEPA discharge Lucent as a potentially responsible party in this case. Lucent's Response demonstrates clearly that while Lucent may have purchased commercial products from U.S. Radium on a few occasions, there is no evidence of which Lucent is aware that Lucent or its predecessors ever disposed of material or arranged for disposal of material or made any other arrangements for the handling of material at the Safety Light Site.

Please contact the undersigned if you have any questions concerning the Response.

Very truly yours,



Ralph McMurry

RM/mlb
cc: Bryan Stolte

Attachment A

001558

Bell Telephone Lab. Inc.

463 West St
N.Y., N.Y.

Po 210.

AEC License #1 USRC 66-126.

1 1963

2 9/25/63

3 BLOOMH 52 c.o. BTL-451789 Po 210. full (1 pc full 9.0 me.

4 \$455.00

14 x 12 x P. 3600.) S/N 6-1024.

also 1-SPS-3 power supply, S/N 117.

Shipped 1 to BTL Inc., Indianapolis, Ind.
2525 Shadeland Ave., Indianapolis, Indiana

GOLDSMITH BROS., Stationers & Printers, 77 Nassau St., N. Y. C. CO 77900
RAG CONTENT
FORM 70-3

Attachment B

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. *90 0034WH*
SV - 15004
2. Assigned to *M. H. Weiss*
3. Location of use *WH 2 B 138A*
4. Received from *U.S. Radium Co.* Date *6/58*
5. Description of source
Irradiated components or materials ☒ Sealed source ☐
Processed unsealed source ☐
"Isotope" standard source. 61.5 µl.
*Estimated 5 mcs *90**
6. Names of persons using this source
- | <u>Name</u> | <u>Dept.</u> | <u>Location</u> |
|--------------------|--------------|--------------------|
| <i>M. H. Weiss</i> | <i>4231</i> | <i>WH 2 B 138A</i> |
7. Record of leak tests on sealed source
8. Record of radiation level of source
9. Record of transfer to others
10. Record of waste disposal

Submitted by: _____

Date: _____

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. *C¹⁴ - 24653 0033WH*
2. Assigned to *M. M. WEISS*
3. Location of use *WHIPPANY 2B138A*
4. Received from *U.S. Radium Corp* Date *Feb, 1959*
5. Description of source

Irradiated components or materials ☐ Sealed source ☒Processed unsealed source ☐

*"Isolite" Standard Source - 2.5 mcs C¹⁴
Phosphor G-150. Brightness 3.32 µl.*

6. Names of persons using this source

<u>Name</u>	<u>Dept.</u>	<u>Location</u>
<i>M. M. Weiss</i>	<i>4231</i>	<i>2B138A</i>

7. Record of leak tests on sealed source *2.2 x 10⁻⁴ µc 9/10/65*
8. Record of radiation level of source *No reading at 2" Ø.*
9. Record of transfer to others
10. Record of waste disposal

Submitted by: *J. D. S. Tuthers*Date: *11/9/65*

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. ~~60~~ #152
2. Assigned to ~~E.M. FRY~~ J.D. Struthers
3. Location of use ~~7A036~~ Storage Bldg 16-018
4. Received from J.D. STRUTHERS (Murray Hill) Date 11/10/65
5. Description of source
Irradiated components or materials ☐ Sealed source ☒ Unsealed source ☐
~6 mCi Sr⁹⁰ Isolate sealed light source
USRC #15084

6. Names of persons using this source

Name	Dept.	Location
E.M. FRY	6221	7A036
J.D. Struthers	8135	1C444

7. Record of leak tests on sealed source

8/29/68 1 x 10⁻⁵ uCi

8. Record of radiation level of source

9. Record of transfer to others

trans. to J.D.S. June 13, 1966
to SS Voris

10. Record of waste disposal

to R.W. Ladson to J.W. Rodgers

Disposed 1/2/86

Submitted by:

R.F. Ranchmiller

Date:

11/16/65

14-0085

5-0212

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 59#153
2. Assigned to E.M. FRY J.D. Struthers
3. Location of use 7A036 4016-08
4. Received from J.D. STRUTHERS Date 11/10/65
(Murray Hill)
5. Description of source
Irradiated components or materials ☐ Sealed source ☒ Unsealed source ☐
2.5mc C¹⁹ Inolite sealed light source
USRC #24653
6. Names of persons using this source
- | Name | Dept. | Location |
|-----------------------|-------------|--------------|
| <u>E.M. FRY</u> | <u>6221</u> | <u>7A036</u> |
| <u>J.D. Struthers</u> | <u>8135</u> | <u>1C444</u> |
7. Record of leak tests on sealed source 8/29/68
1.1 x 10⁻⁵ uCi
8. Record of radiation level of source
9. Record of transfer to others
trans. to J.D.S. MH June 13, 1966
to R. Ladden MH 9/75
10. Record of waste disposal to J.W. Rodgers

Disposed 11/2/86

Submitted by:

R.F. Kauchmiller

Date:

11/10/65

(over)

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. *S62*2. Assigned to *E. M. FRY*3. Location of use *7A036*4. Received from *USRC*Date *1/18/66*

5. Description of source

Irradiated components or materials ☐ Sealed source ☒ Unsealed source ☐*Sealed light source*
9.2 mc C14

6. Names of persons using this source

Name	Dept.	Location
<i>E. M. FRY</i>	<i>6221</i>	<i>7A036</i>
<i>M. B. SUTTON</i>	<i>6221</i>	<i>7A036</i>

7. Record of leak tests on sealed source

*1/8/66 - Neg. 1/4/67 - 8.6×10^{-13} Ci**7/11/66 - 0.39×10^{11}*

8. Record of radiation level of source

4 mr/hr - 1/18/66 contact

9. Record of transfer to others

<i>TO</i>	<i>6 S Byrnes</i>	<i>4/17/73</i>
<i>TO</i>	<i>MS S. Voris</i>	<i>6/73</i>

10. Record of waste disposal

Submitted by:

R. Rauchmiller

Date:

1/18/66

(over)

UNITED STATES RADIUM CORPORATION
BLOOMSBURG DIVISION
4150 OLD BERWICK ROAD
BLOOMSBURG, PENNSYLVANIA 17815
Telephone Bloomsburg, Pa. 784-3510 Area Code 717
TWX: Bloomsburg
717-784-2447

Source 862

Data Sheet of Radiosotope Sealed Sources

Date: 1-11-66

Customer Western Electric Co., Inc.
Bell Telephone Labs PO# 349287 SO# BL064572
463 West Street No. Pcs. 1
New York, New York 10014 Activity Content 9.2 mc
USRC or Cust. Dwg. # 304-S-3A Chemical Form Carbon 14

CONTAMINATION SURVEY

Type of measurement desired: (check)

Method of Leak Testing:

Swab (☒)

Immersion ()

Solvent used:

H₂O (☒)

MEK ()

Instrument used:

Nuclear Chicago () Baird Atomic ()

Internal ☒ PCC10A, 1620 CRM

(#1620A, 1615B) (#410)

External ☐ G-M Tube, 1620 CRM

GM tube window thickness 1.4 mg/cm²

FIRST LEAK TEST 12-23-65

FINAL LEAK TEST 1-8-66

Six month leak test to be performed by Cust. or returned to USRC.

RADIATION SURVEY

Type of measurement desired: (check)

Alpha (); Beta (); Gamma (); Neutron ()

Measurement from center of chamber:

(in.); (Meter)

Instrument used:

Beckman MX4 () Neutron ()

End Fire ☐

PCC Internal () PCC External ()

Radial Fire ☐

2586 Nuclear Chicago ()

Other

LIGHT MEASUREMENT

Type of measurement desired: (check)

Brightness (☒)

Decay ()

Instrument used:

USRC Photometer ()

Other

Measurement readings on other side

MANUFACTURERS OF
LUMINOUS DIALS
NEUTRON SOURCES
RADIATION SOURCES
RADIOACTIVE SPECIALTIES
RADIOACTIVE LIGHT SOURCES

NAME PLATES
ETCHED AND LITHOGRAPHED

LUMINOUS COMPOUNDS

"IONOTRON"
STATIC ELIMINATORS

"RADELIN"
X-RAY SCREENS
TELEVISION PHOSPHORS

"LACKON" PANELS

"HELECON"
LUMINESCENT PIGMENTS

PLANTS AND LABORATORIES
BLOOMSBURG, PA.
BERNARDSVILLE, N. J.
WHIPPANY, N. J.
NO. HOLLYWOOD, CALIF.

UNITED STATES RADIUM CORPORATION

P. O. BOX 246

MORRISTOWN, NEW JERSEY

RECORD OF RADIATION SOURCE
BLOOMSBURG DIVISION

TELEPHONE BLOOMSBURG, PA. STERLING 4-3510

EUROPEAN AFFILIATE:
UNITED STATES RADIUM
CORPORATION (EUROPE)
GENEVA, SWITZERLAND

CANADIAN AFFILIATE:
RADELIN LTD., TORONTO

CABLE ADDRESS
RADELIN-MORRISTOWN, N. J.

ADDRESS REPLY TO
P. O. BOX 380
BLOOMSBURG, PA.

1. Source No. 55210
2. Assigned to
3. Location of use
4. Received from

Source 562

5. Description of source

6. Name of person or organization to whom source is loaned

U.S.R.C. "ISOLITE" STANDARD SOURCE

CUSTOMER	Western Electric Co.	SOURCE No.	: 55210
	c/o Bell Telephone L		
	labs	PHOSPHOR	: 0-315
	463 West St.	BRIGHTNESS(EFF uLS)	: 6.0
	New York, N.Y.		
ORDER No.	: 349287	TEMPERATURE AT TIME	
		OF MEASUREMENT	: 25° C
SHIPPING DATE	: 1-11-66	RADIATION(MR/HR)	:

INSTRUCTIONS OF USE

The "Isolite" Luminance Standard contains a phosphor excited by the beta radiation from the radioisotope Carbon 14. The luminous element is enclosed in a plastic case of such thickness that the radiation at any point on the surface is less than 2 milliroentgens per hour.

On occasion, however, the dimensional specifications of some special designs require a sacrifice of shielding, with the result that the radiation intensity at the surface of the unit may be increased somewhat. In these cases the user will be advised as to the actual value.

The standard should be stored in complete darkness for one hour before use, and should not be exposed to light of any sort during the operation. If the unit is inadvertently exposed to the darkroom lamp, a thirty minute recovery period should be allowed before use.

If damage of any sort occurs, do not attempt to repair the unit but return ALL parts to the manufacturer immediately.

Approved by: _____

Date: 1/11/66

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 268
 2. Assigned to A. C. Schmidt Jr.
 3. Location of use H.O. 4 F 515
 4. Received from U.S. Radium Corp. Date 10/2/67

5. Description of source

Irradiated components or materials ☐ Sealed source ☒ Unsealed source ☐

Isolite Standard Source # 53777
1.2 millieuries C¹⁴

6. Names of persons using this source

Name	Dept.	Location
<u>A. C. Schmidt</u>	<u>1231</u>	<u>HOF-515</u>
<u>J. S. Courtenay</u>	<u>1231</u>	<u>HOF-506</u>

7. Record of leak tests on sealed source

Less than 2×10^{-5} μ Ci. 9/27/67. U.S. Radium Corp.

8. Record of radiation level of source

< 1 mr/hr at contact

9. Record of transfer to others

10. Record of waste disposal

Submitted by: J. D. SturgesDate: 10/25/67

(over)

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 337
 2. Assigned to G. GAMOTA
 3. Location of use ID-321
 4. Received from U.S. Radium Co. Date 5/24/68

5. Description of source

Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

1 PIECE A1500 Am ²⁴¹ foil
4" x 1/2" x 1/4" 241
1.5 millicuries Am

6. Names of persons using this source

Name	Dept.	Location
<u>G. GAMOTA</u>	<u>1114</u>	<u>ID 206</u>
<u>L. Rupp</u>	<u>1114</u>	<u>ID 321</u>

7. Record of leak tests on sealed source

Wipe test on active surface - 1300 c/min above
background

8. Record of radiation level of source

$\gamma = 7 \text{ mR/hr at } 2''$

9. Record of transfer to others

10/10/68 - 50 uCi to T. M. Buck # 364
11/14/68 - 0.47 mCi to G. Gamota # 375 (14-0131)

10. Record of waste disposal

Do not handle with bare fingers.
Small amount of removable
contamination
Use gloves & forceps.

Submitted by:

Date:

J. D. Struthers
5/27/68

(over)

14-0047

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 338
2. Assigned to J. Gamota
3. Location of use MHID-321
4. Received from U.S. Radiation Co Date 5/24/68

5. Description of source

Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

2 pieces A 250 Am²⁴¹ foil
Each piece 4" x 1/2" x 1/4"
" " 0.25 millicuries Am²⁴¹

6. Names of persons using this source

Name	Dept.	Location
<u>J. Gamota</u>	<u>1124</u>	<u>ID 206</u>
<u>L. Rupp</u>	<u>1112</u>	<u>ID 381</u>

7. Record of leak tests on sealed source

Wipe on active surface - 70c/minute above background
Both pieces similar

8. Record of radiation level of source

$\gamma = 1.5 \text{ mrad/hr at 2" (each piece)}$

9. Record of transfer to others

4/14/68 - 1 mCi to T.M. Buck Source # 361
10/10/68 - 50 μ Ci " " " 364
11/14/68 - 50 μ Ci to W. Augustyniak 5/14/71
3/6/72 - 50 μ Ci to 14-0636-U To SS Voris 6/73

10. Record of waste disposal

Do not handle with
bare fingers as have small amount
of removable contamination
Wear gloves or use forceps.

Submitted by:

Date:

J. D. Shurtless
5/27/68

(over)

Disposed 5/74

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. *341*
2. Assigned to *R.C. Miller*
3. Location of use *MH2B 419*
4. Received from *U.S. Radium Corp* Date *5/24/68*

5. Description of source

Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

1- Ni⁶³ plated tungsten tip on tungsten rod
1.2 m Ci Ni⁶³

6. Names of persons using this source

Name	Dept.	Location
<i>M.C. Page</i>	<i>2654 2143</i>	<i>MH 2 B419</i>
<i>C.E. Webb</i>	<i>2654 2123</i>	<i>MH 2 B419</i>
<i>R.C. Miller</i>	<i>2654 2143</i>	<i>MH 2 A423</i>

7. Record of leak tests on sealed source

Dipe on tip - 9300 c/minute

8. Record of radiation level of source

B + γ = 12 mR/hr at 3/4" from tip: 0.2 mR/hr at 6"
γ = < 0.5 mR/hr.

9. Record of transfer to others

10. Record of waste disposal

Do not handle tip

Submitted by

Date:

J.D. Struthers
5/27/68

(over)

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 14-0398
2. Assigned to George Isamoto
3. Location of use 1D-206
4. Received from U.S. Radium Date 3/16/70

5. Description of source 5 tritiated Ti foil
- Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

foil 0.340" dia - 90 mc/ea of H^3

6. Names of persons using this source

Name	Dept.	Location
George Isamoto	1114	1D-206
H. W. Dail	1114	"

7. Record of initial leak test on sealed source. - Tritium test
air sample of storage bottle less than 5 $\mu Ci/m^3$

8. Record of radiation level of source 0 $\mu r/hr$

9. Record of transfer to others

10. Record of waste disposal

waste disposed 1/7/71

Submitted by:

[Signature]

Date:

3/16/70

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 14-0406
2. Assigned to L.C. Feldman x3105
3. Location of use MH IE-463
4. Received from U.S. Radium Date 4/6/70

5. Description of source *initiated Ti*
- Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

H3 - 2 Ci on Ti metal disk

6. Names of persons using this source

Name	Dept.	Location
L.C. Feldman	1131	IE-457
H. Schneider	1131	IE-460

7. Record of initial leak test on sealed source.

8. Record of radiation level of source - *100 mR @ 4"*
wipe test - 0 (Bkg)

9. Record of transfer to others

TO P. Silverman 12/74

10. Record of waste disposal

*Waste dump*Submitted by: *[Signature]*Date: *4/6/70*

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 14-0591
2. Assigned to G. Gamota
3. Location of use MH 1D-206
4. Received from U. S. Radium Date 9-28-71

5. Description of source

Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

30 mCi H-003 on foil

6. Names of persons using this source

Name	Dept.	Location
G. Gamota	1114	1D-206

7. Record of initial leak test on sealed source.

8. Record of radiation level of source

OMR detected @ surface of container

Background on outside of container

9. Record of transfer to others

W.A. Gandy

10. Record of waste disposal

inst 9/78

Submitted by:

D. J. Turner

Date:

9-29-71

(over)

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 14-0621-
2. Assigned to G. Gamota
3. Location of use MH 1D-206
4. Received from U.S. Radium

Date 1/13/72

5. Description of source

Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

450 mCi TRITIATED TITANIUM FOIL

5 pieces @ 90 mCi each.

6. Names of persons using this source

Name	Dept.	Location
G. Gamota	1114	MH 2D-206

7. Record of initial leak test on sealed source.

8. Record of radiation level of source

9. Record of transfer to others

to G. Yang

10. Record of waste disposal

Waste 9/18

Submitted by:

Olen Tarsan

Date:

1/13/72

(over)

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 14-0703
 2. Assigned to G. Samota
 3. Location of use MH 10206
 4. Received from U.S. Radium

Date 9/5/72

5. Description of source

Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

30 mCi H-3 as titanium tritide

6. Names of persons using this source

Name	Dept.	Location
G. Samota	1114	1D-206
W. Dail	1114	1D-206

7. Record of initial leak test on sealed source.

8. Record of radiation level of source

5 mR/hr

9. Record of transfer to others

to A. Yanof

10. Record of waste disposal

Waste 9/18

Submitted by: S. DavisDate: 9/5/72

(over)

PRODUCTS DIVISION, NUCLEAR

PRODUCTS DIVISION, NUCLEAR

UNITED STATES RADIUM CORP.

UNITED STATES RADIUM CORP.

ORDER NUMBER

4150 OLD BERWICK ROAD

4150 OLD BERWICK ROAD

3-15522

BLOOMSBURG, PA., 17815

BLOOMSBURG, PA., 17815

SHIPMENT/INVOICE

BELL TELEPHONE LABORATORIES

BELL TELEPHONE LABORATORIES

P.O. BOX 204

400 MOUNTAIN AVENUE

MURRAY, HILL, NEW JERSEY

MURRAY HILL, N.J. 07974

07974

AUG 26 1972

ORDER STATUS

CUST. P.O. OR
CONT. NO.

116248

ART ☐ COM ☐

ORDER NUMBER	CUSTOMER PURCHASE ORDER OR CONTRACT NUMBER	CUST. ORDER DATE	DATE ORDER BOOKED	COMPLETION DATE	SHIP VIA:	SHIP CHGE.
19464	116248	7-27-72	8-3-72	8-25-72	U P S	P C P C D X

ORDER PLACED BY

J. G. FREZONY

PROD. CODE	CATALOG NUMBER	DESCRIPTION	QUANTITY ORDERED	BACK ORDERED	SHIPPED	PACKAGE NO.	WEIGHT
032		coat source flange center with 1/4" dia. titanium tritide coating 30 millicuries total content. (pc. supplied by BELL)	1		1		C
		RADIOACTIVE MATERIAL NO LABEL REQUIRED TRANSPORT GROUP VII 30 m ci tritium (titanium tritide).					

SPECIAL INSTRUCTIONS

DONALD B. CREAM, nuclear sup. engr.

jrm

DATE SHIPPED _____ FREIGHT CARRIER _____ CHARGES _____

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 14-1182

2. Assigned to G. Ahlers

3. Location of use MH 1A-144

4. Received from U.S. Radium Corp

Date 3/8/77

Ship. mgt rec'd intact. No removable contamination noted
on shipping container.

5. Description of source

Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒

460 m Ci H-3 as TiT on copper disk 1 7/8" dia.

6. Names of persons using this source

Name	Dept.	Location
G. Ahlers	1525	1D153

7. Record of initial leak test on sealed source.

8. Record of radiation level of source

20 mR/hr

9. Record of transfer to others

10. Record of waste disposal

Submitted by:

S. J. Vain

Date:

3/9/77

(over)

Form E—Record of Radioactive Source

FORM E

BTL RF-E

See instructions on back
before filling out this form

RECORD OF RADIOACTIVE SOURCE

1. Source No. 14-1183
2. Assigned to G. Ahlers
3. Location of use MA 1A-144
4. Received from U.S. Radioim Corp Date 3/8/77
shipment rec'd intact. No removable contamination noted
on shipping container
5. Description of source
 Irradiated components or materials ☐ Sealed source ☐ Unsealed source ☒
90 mCi H-3 as TiT on copper disk 1 7/8" dia

6. Names of persons using this source

Name	Dept.	Location
<u>G. Ahlers</u>	<u>1525</u>	<u>1D153</u>

7. Record of initial leak test on sealed source.

8. Record of radiation level of source

4 mR/hr

9. Record of transfer to others

10. Record of waste disposal

Submitted by: A. L. KleinDate: 3/9/77

(over)

F METAL/NUCLEAR PRODS. DIV.
R U.S. RADIUM CORP.
O 4150 OLD BERWICK ROAD
M BLOOMSBURG, PA. 17815

F METAL/NUCLEAR PRODS. DIV.
R U.S. RADIUM CORP.
O 4150 OLD BERWICK ROAD
M BLOOMSBURG, PA. 17815

560132

ORDER NUMBER

317686

SHIPMENT/INVOICE

FEB 25 1977

BELL TELEPHONE LABS
P O BOX 304
MURRAY HILL NJ
7974

BELL TELEPHONE LABS
600 MOUNTAIN AVE.
MURRAY HILL, NJ 07974

S
H
I
P
T
O

CUSTOMER P.O. OR
CONTROL NUMBER

272497

ORDER STATUS

PART.

COMP.

CUSTOMER ACCOUNT NUMBER	CUSTOMER PURCHASE/CONTRACT NO.	MIL/CIV	CUSTOMER ORDER DATE	DATE ORDER BOOKED	SHIP CHRG
000009464	272497	C	1/19/77	1/19/77	PPD
IRIG. TERR./PER CENT	SPLIT TERR./PER CENT	MARK %	ORDER PLACED BY	TERMS	
8104 100	0000 000		FLORA EBASER		NET 30

ITEM	PROD. CODE	CATALOG/WORK OR PRINT NUMBER	COMPLETE DATE	ORDER QUANTITY	MEAS	BACK ORDERED	SHIPPED	PACKAGE NO.	WEIGHT
01	032	TITANIUM SOURCE, .46 CI, TO BE DEPOS TED UNIFORMLY ON CIRCULAR AREA	2/18/77	1	LT		1		C
02	032	TITANIUM SOURCE, 0.09 CI TO BE DESPO SITED UNIFORMLY ON CIRCULAR AREA	2/18/77	1	LT		1		C

RADIOACTIVE MATERIAL
NO LABEL REQUIRED
TRANSPORT GROUP VII

500 mCi Tritium
(Titanium triide)

ADD. DESCRIPTION: (1-7/8"
(1A.) MATL. FURNISHED BY BELL

SHIPPING
INSTRUCTIONS

UPS

NOTE - DO NOT DISCARD PACK-
CONTAINERS UNTIL CONT
HAVE BEEN CHECKED AGA
PACKING SLIP.

P.O.C.

F.O.C.

THIS SHIPMENT CONTAINS _____ PACKAGES _____ CARTONS _____ CRATES _____ WOODEN BOXES

PACKED BY _____ DATE _____ SHIPPED BY _____ DATE _____ CHARGES _____

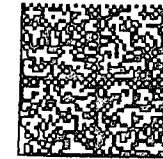
POSTMASTER: A COPY OF THIS MEMO
IS BEING SENT BY 1ST CLASS MAIL.

B/L OR RECEIPT NO. _____

2 PACKING SLIP

TOTAL NO. OF PKGS.

TOTAL WEIGHT



UNITED STATES POSTAGE
PHILIP ROWES
02 1A \$ 01.29⁰
0004379439 DEC 27 2005
MAILED FROM ZIP CODE 19801

FIRST CLASS MAIL

147085


COZEN
O'CONNOR
ATTORNEYS

16TH FLOOR 45 BROADWAY NEW YORK, NY 10006-3792

TO:

Harry R. Steinmetz (3HS62)
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029